## THE CLAIMS

1. (Previously Presented)  An information processing apparatus for accumulating data of a measurement target, said apparatus comprising:

an acquisition section, arranged to acquire the data of the measurement target by independently executing a computer program for data acquisition; and

a display section arranged to generate information to be displayed by independently executing a computer program for display information generation, on the basis of the acquired data,

wherein said acquisition section and said display section exchange data by interprocess communication, and the data acquisition computer program and the display information generation program are executed under a multitasking function of an operating system.

2. (Previously Presented)  The apparatus according to Claim 1, further comprising a recording section arranged to record data obtained by the interprocess communication on a recording medium, by independently executing a computer program for data recording executed under the multitasking function.

3. (Previously Presented)  The apparatus according to Claim 1, further comprising a communication section arranged to transfer data obtained by the interprocess communication to another information processing apparatus connected to a network, by independently executing a computer program for data transfer executed under the multitasking function.

4. (Previously Presented) The apparatus according to Claim 1, further comprising a management section arranged to control operations of said acquisition and display sections in accordance with priorities of said acquisition and display sections by independently executing a computer program for operation control executed under the multitasking function.

5. (Previously Presented) The apparatus according to Claim 1, wherein the computer programs of said acquisition and display sections are provided as an integrated computer program which integrates the computer programs.

6. (Original) The apparatus according to Claim 1, wherein the measurement target is a solar battery.

7. (Previously Presented) An information processing method of accumulating data of a measurement target, said method comprising the steps of:

acquiring the data of the measurement target by independently executing a computer program for data acquisition; and

generating information to be displayed by independently executing a computer program for display information generation, on the basis of the acquired data,

wherein the acquiring step and the generating step exchange data by interprocess communication, and the data acquisition computer program and the display information generation are executed under a multitasking function of an operating system.

8.  (Previously Presented)  The method according to Claim 7, further comprising the step of recording data obtained by the interprocess communication on a recording medium, by independently executing a computer program for data recording executed under the multitasking function.

9.  (Previously Presented)  The method according to Claim 7, further comprising the step of transferring data obtained by the interprocess communication to another information processing apparatus connected to a network, by independently executing a computer program for data transfer executed under the multitasking function.

10.  (Previously Presented)  The method according to Claim 7, further comprising the step of controlling operations in the acquiring and generating steps in accordance with priorities of the acquiring and generating steps, by independently executing a computer program for operation control executed under the multitasking function.

11.  (Previously Presented)  The method according to Claim 7, wherein the computer programs of the acquiring and generating steps are provided as an integrated program which integrates the computer programs.

12.  (Original)  The method according to Claim 7, wherein the measurement target is a solar battery.

13.  (Previously Presented)  A computer program product stored on a computer readable medium comprising a computer program, for an information processing method of accumulating data of a measurement target, the method comprising the steps of:

acquiring the data of the measurement target by independently executing a program for data acquisition; and

generating information to be displayed by independently executing a program for display information generation on the basis of the acquired data, wherein the acquiring program and the generating program exchange data by interprocess communication, and the data acquisition computer program and the display information generation computer program are executed under a multitasking function of an operating system.

14.  (Previously Presented)  An information processing apparatus for accumulating data of a measurement target, said apparatus comprising:

an acquisition section, arranged to acquire the data of the measurement target by independently executing a computer program for data acquisition;

a display section, arranged to generate information to be displayed by independently executing a computer program for display information generation on the basis of the acquired data supplied to the display section by the acquiring section by interprocess communication;

a recording section, arranged to record the data obtained by the interprocess communication on a recording medium, by independently executing a computer program for data recording;

a communication section, arranged to transfer data obtained by the interprocess communication to another information processing apparatus connected to a network by independently executing a computer program for data transfer; and

a management section, arranged to control operations of said acquisition and display sections in accordance with priorities of said acquisition and display sections, by independently executing a computer program for operation control,

wherein all of the computer programs of said acquisition, display, communication, and management sections are provided as an integrated computer program which integrates the independent computer programs, and the computer programs are executed under a multitasking function of an operating system.